

Converting Colors

XYZ(14.8038, 9.7515, 3.6140)

Have a look what the booklet for
XYZ(14.8038, 9.7515, 3.6140)
contains.

XYZ(14.8857, 9.7911, 3.5879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8857, 9.7911,
3.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	98392D
RGB	152, 57, 45
RGB Percent	60%, 22%, 18%
CMY	0.4039, 0.7764, 0.8235
CMYK	0.00, 0.62, 0.70, 0.40
HSL	7°, 54%, 39%
HSV	7°, 70%, 60%
XYZ	14.8857, 9.7911, 3.5879
YIQ	84.0370, 60.4720, 16.4080

Conversions

Conversions Part 2

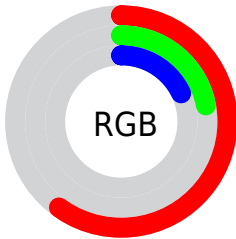
Format	Color
R_{YB}	152, 59, 45
Decimal	9976109
CIE Lab	37.46, 39.06, 28.06
CIE LCh	37, 48.096, 35.693
Yxy	9.7911, 0.5267, 0.3464
Android (android.graphics.Color)	4288166189 (0xFF98392D)
YUV	84.0370, -19.2452, 59.6036
Hunter-Lab	31.2907, 30.1576, 15.1051

Details

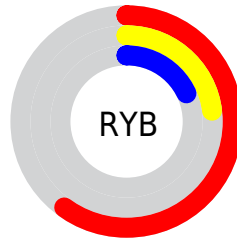
The XYZ color **14.8857, 9.7911, 3.5879** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.1270, 21.5795, 33.0210**, and the grayscale version is **8.4646, 8.9054, 9.6980**.

A 20% lighter version of the original color is **34.1149, 25.3293, 12.9885**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.0632, 8.5332, 2.1208**, and if you desaturate by 10%, it is **15.9914, 11.4469, 5.6694**.

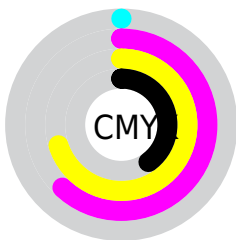
Distribution



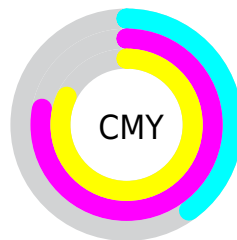
- Red (60%)
- Green (22%)
- Blue (18%)



- Red (60%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (70%)
- Black (40%)




- Cyan (40%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8857, 9.7911, 3.5879 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.8857, 9.7911, 3.5879 by changing the saturation by 10% instead.


 14.8857, 9.7911,
3.5879


 14.8857, 9.7911,
3.5879


216.0755,
189.1745, 143.5284


 8.8250, 5.2607,
1.4021


 34.2258, 25.4018,
13.0476


 4.6834, 2.4010,
0.1434

 48.2360, 37.2509,
21.1586


 2.0956, 0.8264,
0.0000

 65.6267, 52.3084,
32.0817

 0.6868, 0.0000,
0.0000

 86.7632, 70.9586,
46.2355

 0.0000, 0.0000,
0.0000

 112.0111, 93.5859,
64.0386

 141.7355,

120.5747, 85.9094

176.3018,
152.3095, 112.2665

■ 14.8857, 9.7911,
3.5879

■ 14.8857, 9.7911,
3.5879

■ 14.0632, 8.5332,
2.1208

■ 15.9914, 11.4469,
5.6694

■ 13.4970, 7.6381,
1.2001

■ 17.4025, 13.5287,
8.4228

■ 13.1502, 7.0780,
0.6731

■ 19.1400, 16.0639,
11.8992

■ 21.2227, 19.0772,
16.1450

■ 23.6678, 22.5914,
21.2024

■ 26.4916, 26.6279,
27.1107

■ 29.7093, 31.2068,
33.9065

■ 33.3353, 36.3472,
41.6245

■ 37.3831, 42.0673,
50.2973

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.3915, 9.7911, 9.0897



14.8857, 9.7911, 3.5879



11.9165, 9.7911, 1.5382

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8857, 9.7911, 3.5879



4.9420, 9.7911, 5.1616



9.8962, 9.7911, 37.3785

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.8857, 9.7911, 3.5879



16.1270, 21.5795, 33.0210

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7.1079, 9.7911, 34.2463



14.8857, 9.7911, 3.5879



4.6289, 9.7911, 12.4034

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.8857, 9.7911, 3.5879



6.3038, 9.7911, 2.0400



5.3308, 9.7911, 23.6614



13.1364, 9.7911, 30.7673

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.8857, 9.7911, 3.5879



9.7506, 9.7911, 1.1769



5.3308, 9.7911, 23.6614



8.8754, 9.7911, 37.4598

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.8859, 9.7917, 3.5881



41.3086, 39.2058, 36.4519



18.7173, 10.4842, 26.3536



9.1312, 8.5411, 7.7502



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8859, 9.7917, 3.5881



24.2462, 14.1584, 2.7802



18.9125, 17.8449, 4.9303



6.2619, 6.3288, 6.4974



11.0388, 5.9600, 0.5686



0.1778, 0.1147, 0.0128

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.1270, 21.5795, 33.0210



26.4709, 36.0783, 58.0023



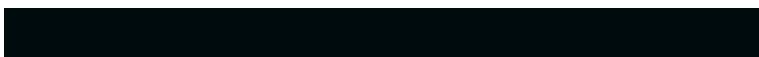
10.2230, 9.7716, 31.0530



6.3254, 6.9082, 7.9290



12.0243, 16.4453, 27.4482



0.1944, 0.2752, 0.4152

Previews

White Background



This preview shows how the XYZ color 14.8857, 9.7911, 3.5879 looks on a white background.

Color Contrast Check

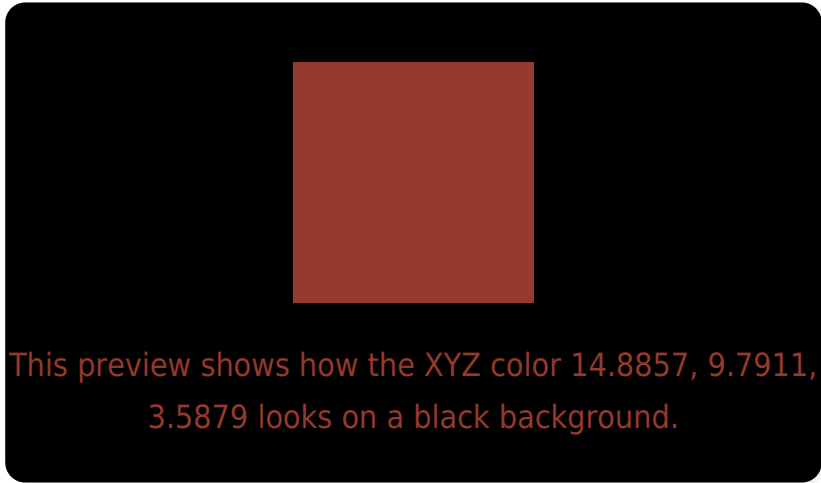
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8857, 9.7911, 3.5879

Background



This preview shows how black text looks on a background with the XYZ color 14.8857, 9.7911, 3.5879.



This preview shows how white text looks on a background with the XYZ color 14.8857, 9.7911,

3.5879.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.8857, 9.7911, 3.5879

Protanopia

9.2160, 9.9717, 5.1804

Deuteranopia

10.0451, 9.9585, 3.3122



Tritanopia

15.2668, 9.8102, 5.0919

Trichromacy



Original Color

14.8857, 9.7911, 3.5879

Protanomaly

10.6098, 9.3376, 4.4919

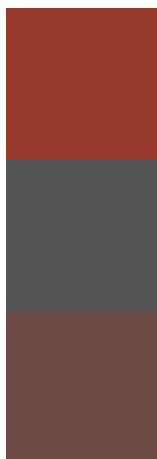
Deuteranomaly

11.3738, 9.5522, 3.3421

Tritanomaly

15.1936, 9.8577, 4.4701

Monochromacy



Original Color

14.8857, 9.7911, 3.5879

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.8609, 8.5910, 6.9328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8857, 9.7911, 3.5879 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 57, 45)` looks like.

```
.text, #text, p{  
    color:rgb(152, 57, 45)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 57, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 57, 45) }
```

Border

The CSS property to change the border of an element to XYZ 14.8857, 9.7911, 3.5879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 57, 45) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 57, 45) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 57, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 57, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 57, 45);  
box-shadow:4px 4px 4px 4px rgb(152, 57,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8857, 9.7911, 3.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 57, 45) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152, 57,  
45) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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